

CLAIMS

What is Claimed is:

- 5           1. A method for performing a context-dependent service comprising:  
           executing a composite service;  
           accessing context information; and  
           automatically incorporating said context information with said  
           composite service.
- 10           2. The method as recited in Claim 1, wherein said composite service  
           comprises:  
           a node definitions repository;  
           process definitions repository; and  
           process execution data.
- 15           3. The method as recited in Claim 2, wherein said composite service  
           is an electronically available e-service.
- 20           4. The method as recited in Claim 1, wherein said context  
           information is related to a user.
5. The method as recited in Claim 1, wherein said context  
           information is maintained in a context repository.
- 25           6. The method as recited in Claim 5, wherein said context repository  
           is maintained and updated by:  
           a semantic context broker;  
           an application monitor;  
           a device monitor; and  
           an environment monitor.
- 30           7. The method as recited in Claim 5, wherein said context  
           information is automatically incorporated with said composite service  
           without requiring action by said user.
- 35           8. The method as recited in Claim 1, wherein said context dependent  
           service includes a c-node.

9. The method as recited in Claim 8, wherein said c-node is executed by selecting a process execution time node to be invoked, based on context information.

5           10. A computer system comprising:  
             a bus;  
             a memory unit coupled to said bus; and  
             a processor coupled to said bus, said processor for executing a method  
 for performing a context-dependent service comprising:  
 10           executing a composite service;  
             accessing context information; and  
             automatically incorporating said context information with said  
             composite service.

15           11. The computer system of Claim 10, wherein said composite service  
 comprises:  
             a node definitions repository;  
             process definitions repository; and  
 20           process execution data.

            12. The computer system of Claim 11, wherein said composite service  
 is an electronically available e-service.

25           13. The computer system of Claim 10, wherein said context  
 information is related to a user.

            14. The computer system of Claim 10, wherein said context  
 information is maintained in a context repository.

30           15. The computer system of Claim 14, wherein said context  
 repository is maintained and updated by:  
             a semantic context broker;  
             an application monitor;  
 35           a device monitor; and  
             an environment monitor.

16. The computer system of Claim 14, wherein said context information is automatically incorporated with said composite service without requiring action by said user.

- 5           17. A computer-usable medium having computer-readable program code embodied therein for causing a computer system to perform a method for performing a context-dependent service comprising:
- executing a composite service;
- accessing context information; and
- 10            automatically incorporating said context information with said composite service.

18. The computer-usable medium of Claim 17, wherein said composite service comprises:
- 15            a node definitions repository;
- process definitions repository; and
- process execution data.

19. The computer-usable medium of Claim 18, wherein said composite service is an electronically available e-service.
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              20. The computer-usable medium of Claim 17, wherein said context information is related to a user.

- 25           21. The computer-usable medium of Claim 17, wherein said context information is maintained in a context repository.

22. The computer-usable medium of Claim 21, wherein said context repository maintained and updated by:
- 30            a semantic context broker;
- an application monitor;
- a device monitor; and
- an environment monitor.

- 35           23. The computer-usable medium of Claim 21, wherein said context information is automatically incorporated with said composite service without requiring action by said user.